

Recommendation to Approve a Change Order for Additional Design Services related to the Tower Road Widening Project, Project No. PW-03-2014

Contractor: Huitt-Zollars, Inc.

Change Order Amount: \$253,130.00

Project Description:

The City entered into a contract with Huitt-Zollars, Inc. on July 7, 2014 to complete preliminary and final design services for roadway and drainage improvements on Tower Road between 104th Avenue and 80th Avenue. Design services were also included for the portion of Tower Road in the city and county of Denver from 80th Avenue to the eastbound ramps of the Tower Road interchange with Pena Boulevard. The entire project length is approximately 3.2 miles.

This project will widen Tower Road from two lanes to four lanes with acceleration and deceleration lanes as needed at the intersections and left turn lanes as needed. Curb and gutter will be installed on the outer edge of the lanes as well as on the median. Multi-modal facilities will be provided through on-street bike lanes, a detached six-foot wide concrete sidewalk and a 10-foot wide bike path. A raised, irrigated and landscaped median will be constructed. The existing overhead electrical transmission line, on the west side of the existing road, will be relocated and buried underground. New traffic signals will be installed at 96th Avenue, 88th Avenue and 81st Avenue. New street lights will be installed along the length of the project.

In a discussion with City Council on February 9, 2015, staff recommended the inclusion of regional drainage improvements as well as a sanitary sewer and water main to better serve development in the area.

Change Order Breakdown:

Regional Drainage Improvements

- Research and data collection; meetings \$49,500
- Hydrologic and hydraulic analysis \$105,900
- Design and plan preparation \$65,310

Sub-Total \$220,710

Sanitary Sewer Main

- Design and plan preparation \$24,790

Water Main

- Design and plan preparation \$7,630

Total \$253,130

Schedule:

Design is progressing on both the Commerce City portion of the project and the Denver portion. Staff is still working to determine the best timing and approach to bidding this project, i.e. separate projects or all in one. It is anticipated that utility relocation work will begin in the Fall of 2015 and be followed shortly thereafter by bidding and construction.

Financial Impact:

The overall project budget is \$51,249,900 and includes adequate funding to fund this change order. This is a time-and-materials contract with a not to exceed contract maximum. Similarly, the change order amounts will be invoiced based on actual time expended.

Staff Recommendation:

Staff recommends approving a change order with Huitt-Zollars, Inc. in the amount of \$253,130.00 for this work.